

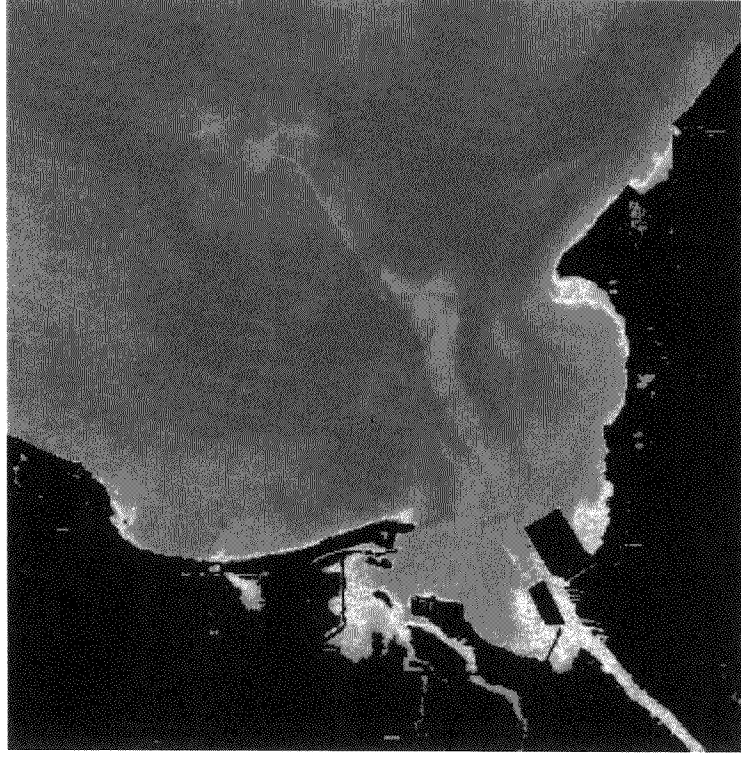


REPLACEMENT SHEET - 10/762,952

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Figure 2

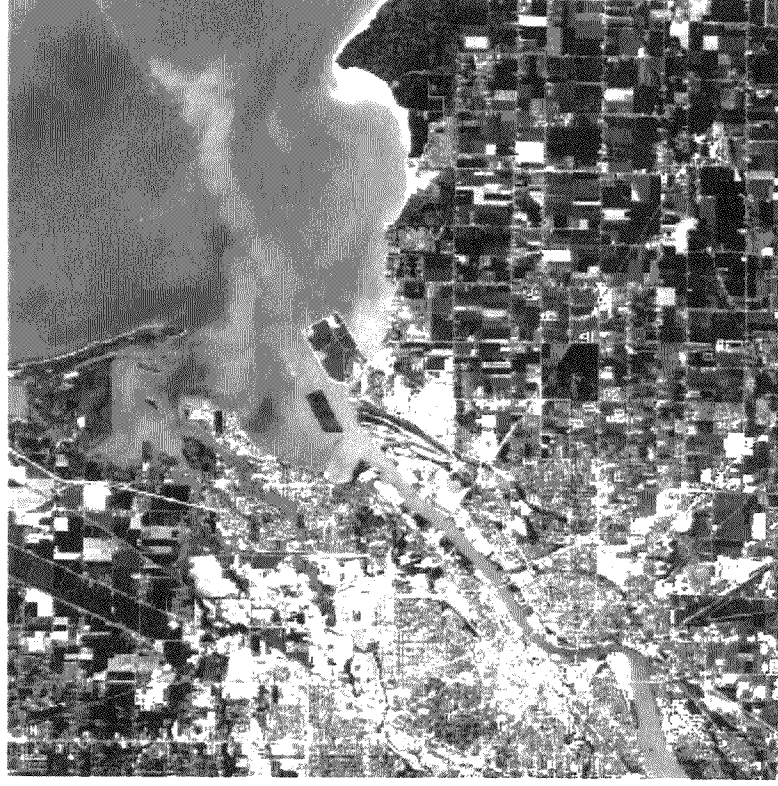
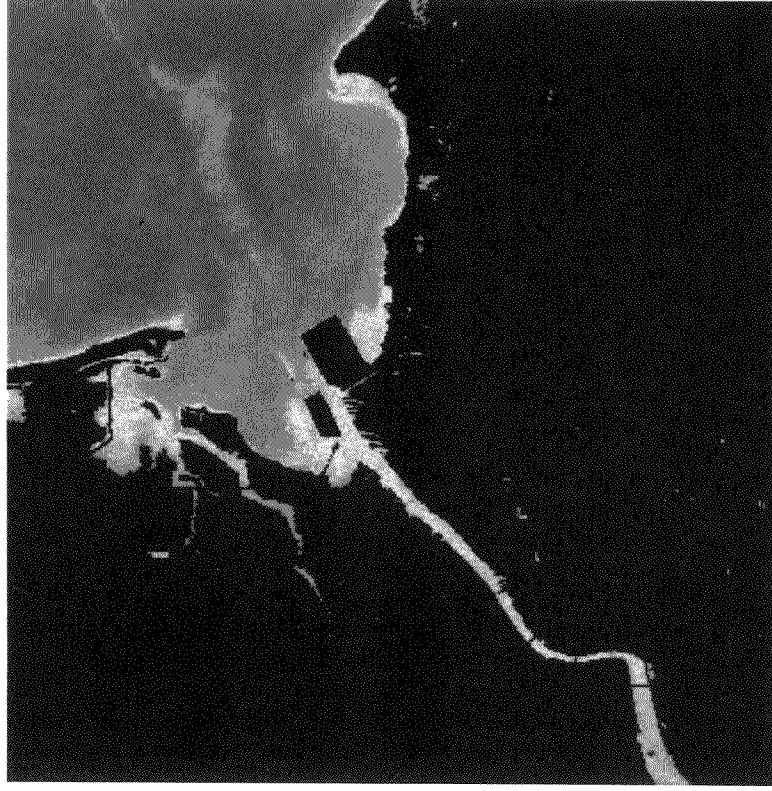
LANDSAT 7 TM Natural Color (Rt.) and Total Coliform (Left, Aug. 21, 2001 Model) Images (Redder is Greater) of SW Lake Erie (July 1, 2000 LANDSAT TM Data)



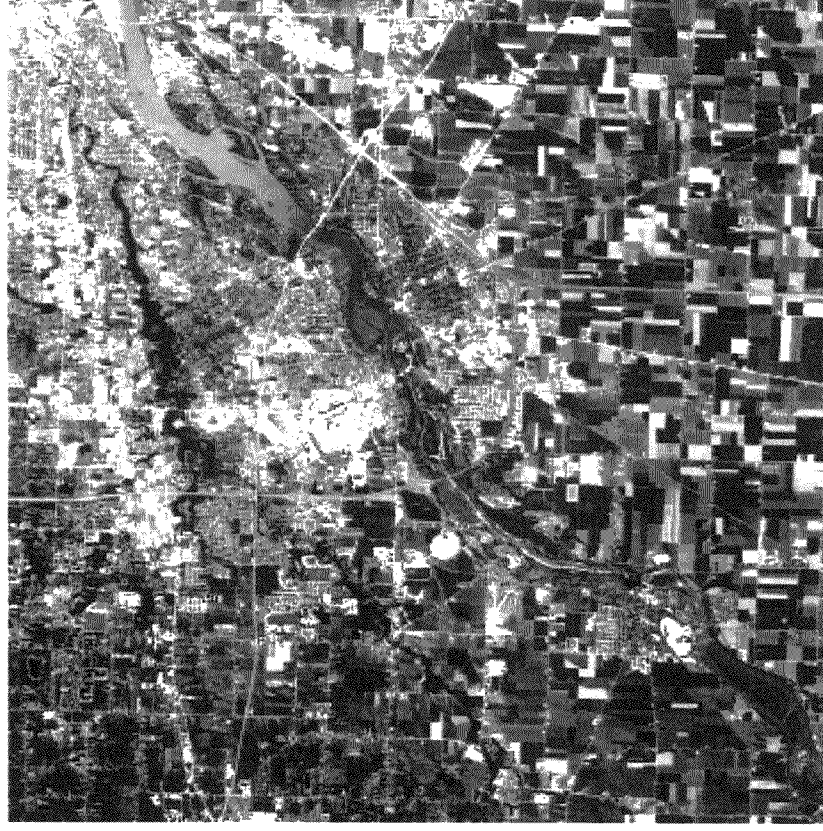
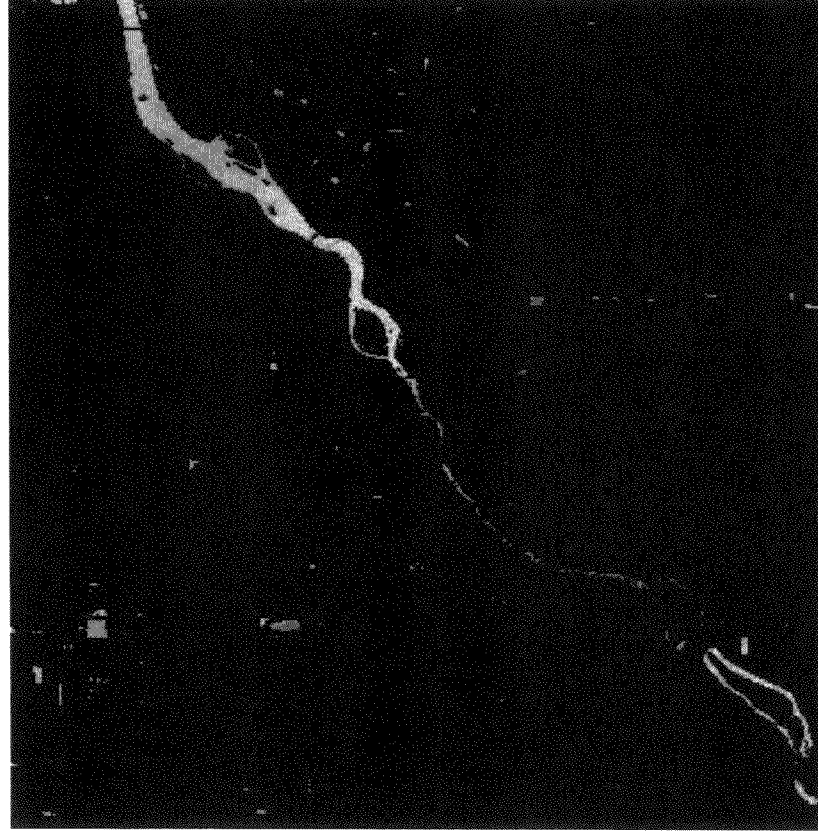
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Figure 3

Coliform Mapping (Red means more) from LANDSAT TM: Subarea 2,
Maumee Bay (Toledo and Maumee, OH)



Coliform Mapping (Red means more) from LANDSAT TM: Subarea 3,
Upper Maumee (Waterville, OH)



Coliform Mapping (Red means more) from LANDSAT TM: Subarea 4,
Low. Mid. Maumee (Grand Rapids, OH)

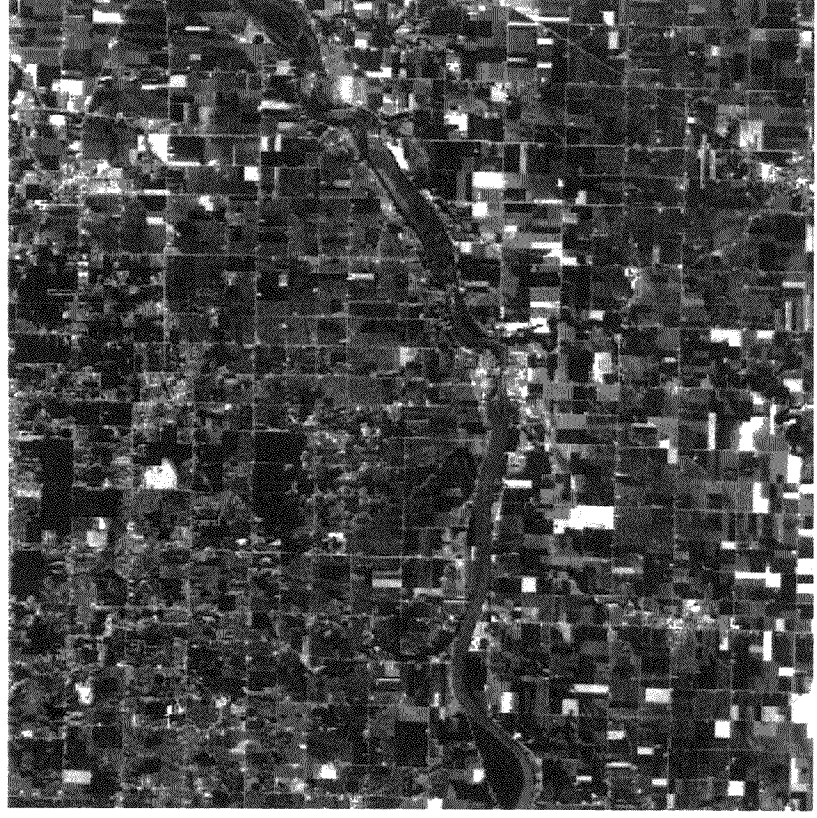
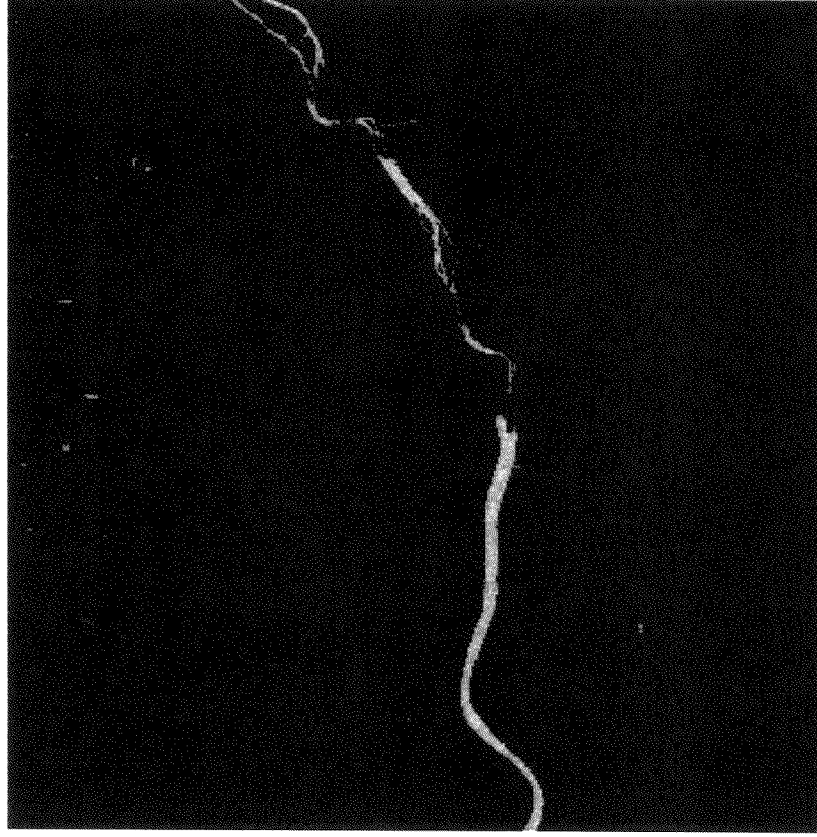


Figure 6

Coliform Mapping (Red means more) from LANDSAT TM: Subarea 5,
Up. Mid. Maumee (Napoleon, OH)

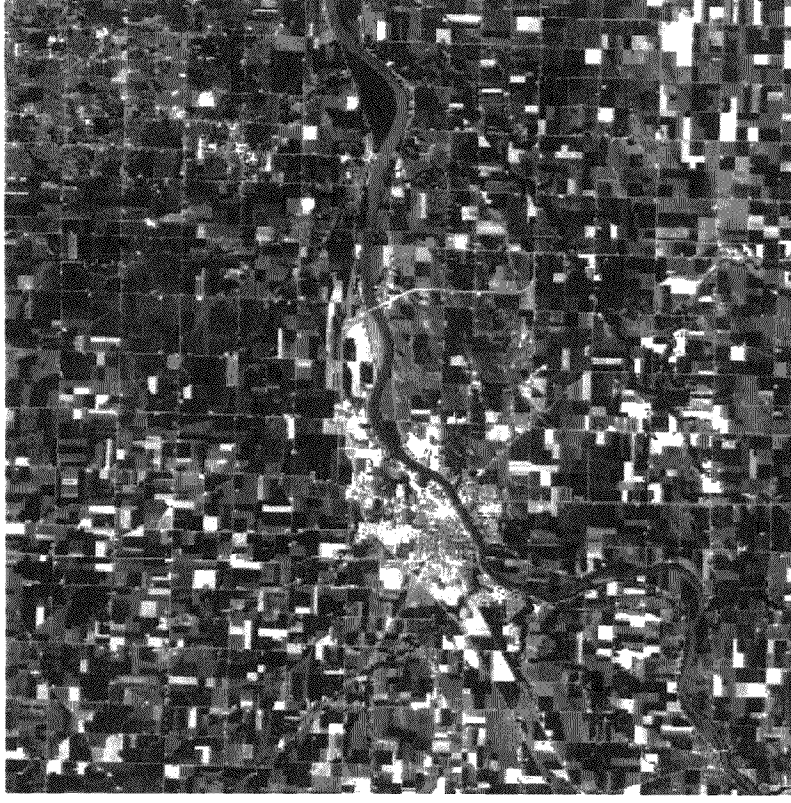
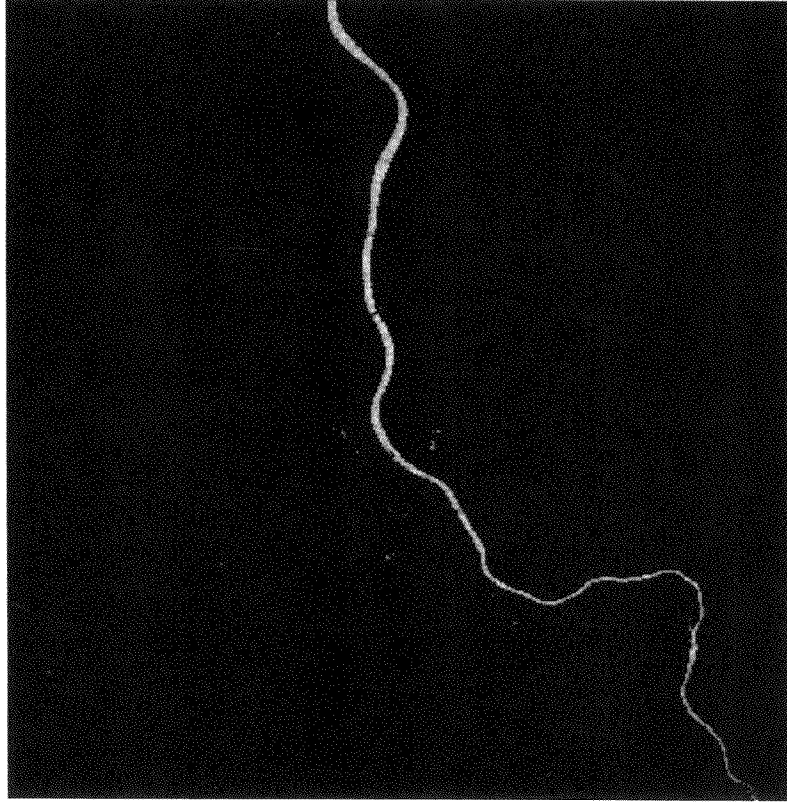
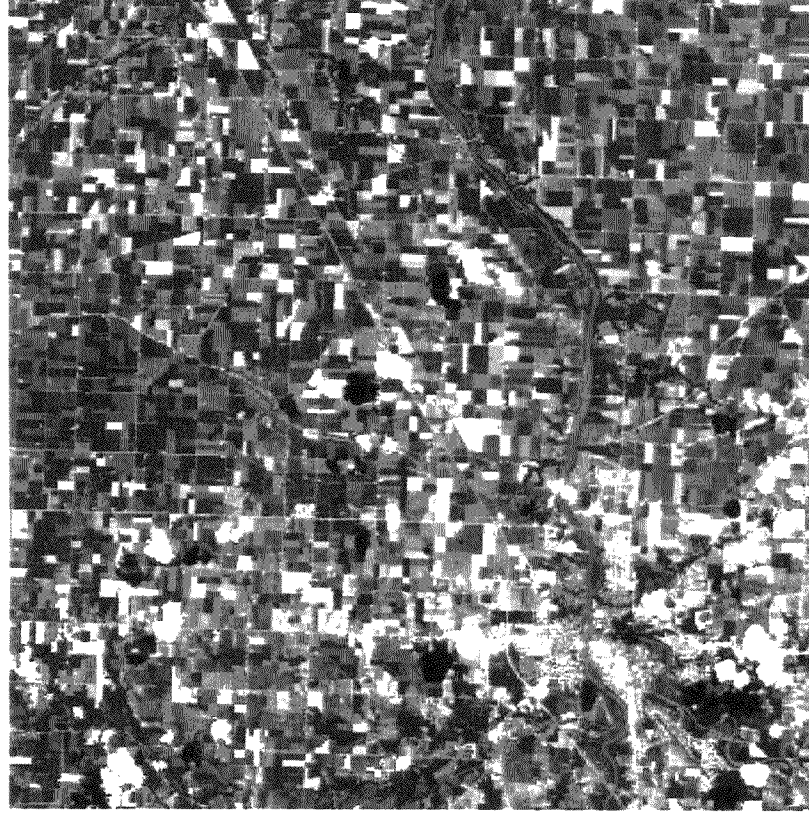
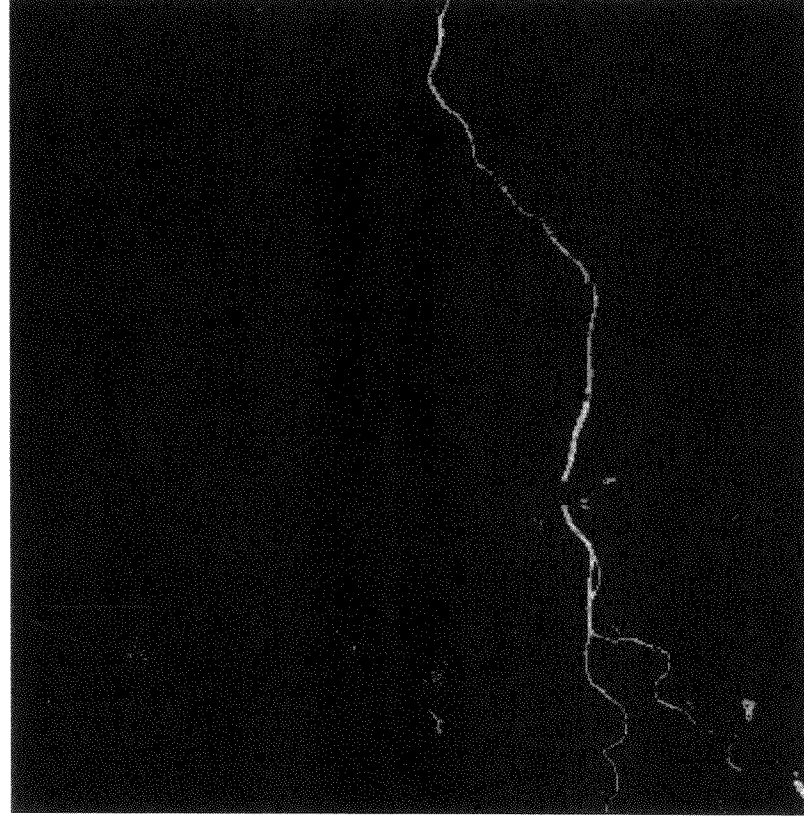


Figure 7

Coliform Mapping (Red means more) from LANDSAT TM: Subarea 6,
Lower Maumee (Defiance, OH)



Coliform Mapping (Red means more) from LANDSAT TM: Sandusky

Bay, with Portage River in Image Center



Coliform Mapping (Red means more) from LANDSAT TM: Subarea 7,
Oak Harbor, OH on the Portage River

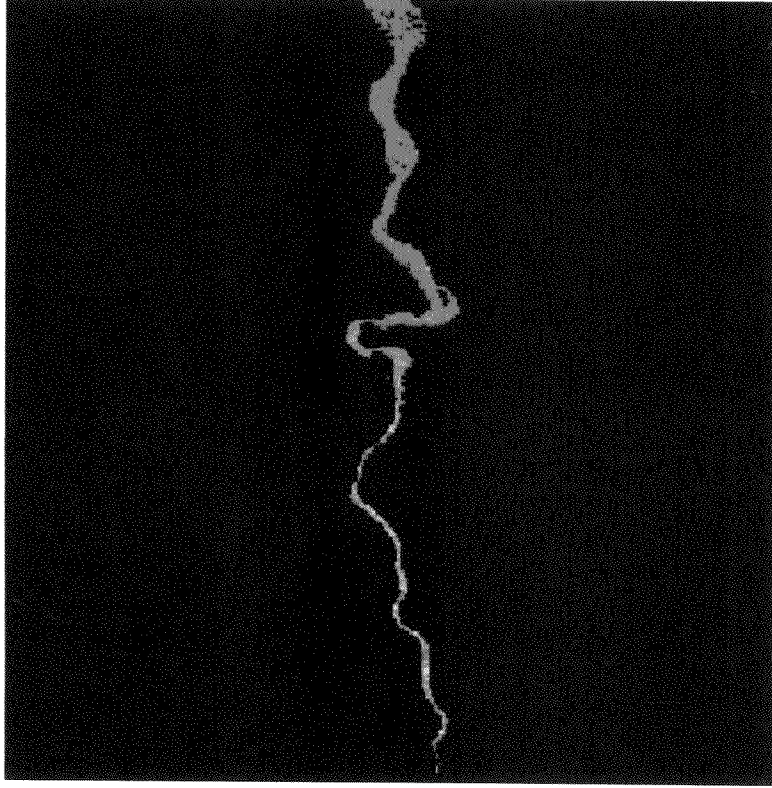


Figure 14

Total Coliform (Left) and E. Coli (Right) Models of Aug. 21, 2001 from Lake Erie and Oregon, OH Data Applied to LANDSAT TM Data of Same Date

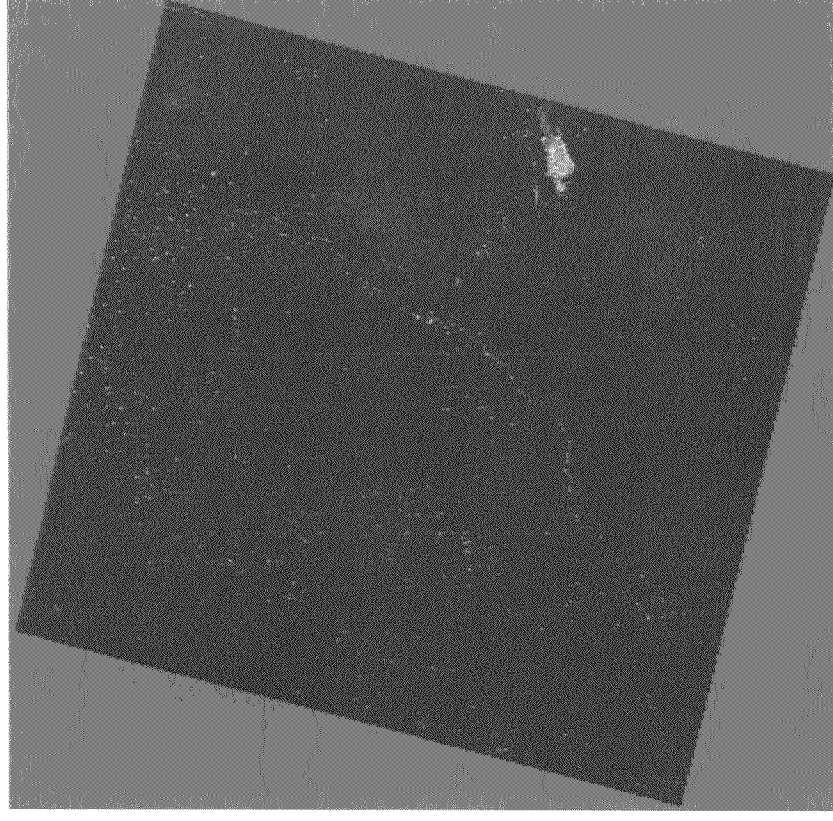


Figure 15

Zoomed E. Coli Images of Portage and Sandusky Rivers of Aug. 21, 2001

LANDSAT TM Data

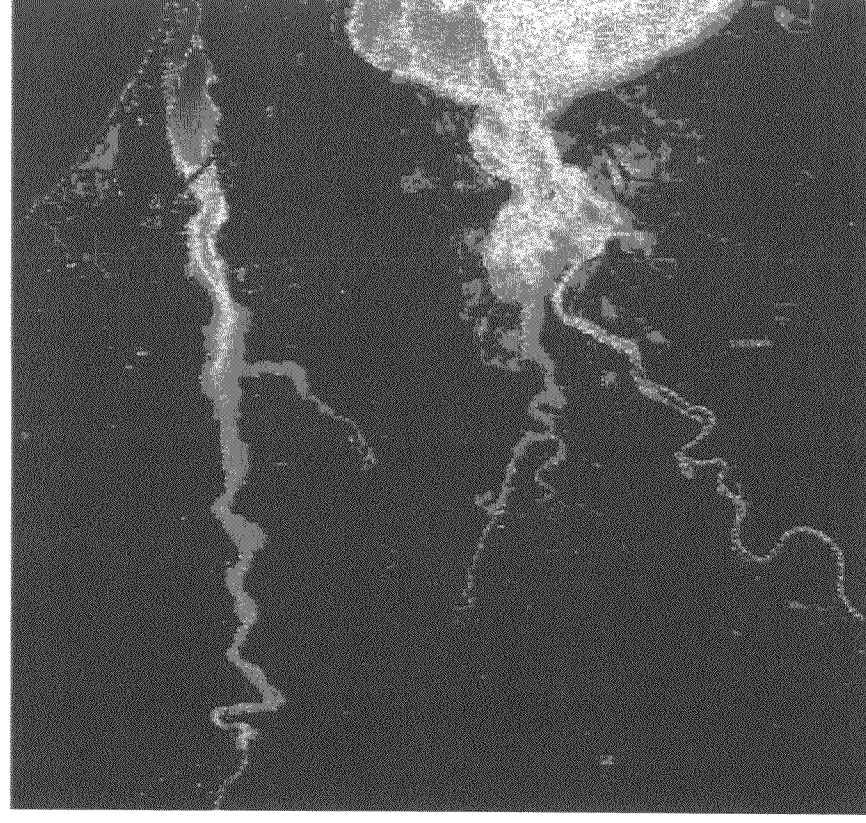
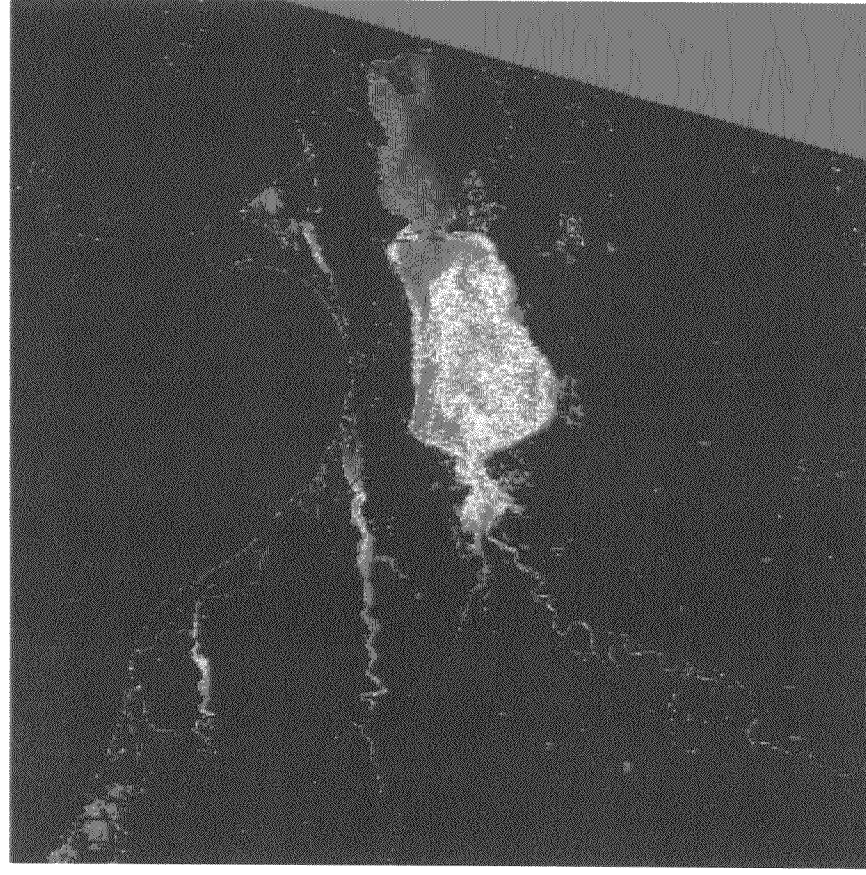
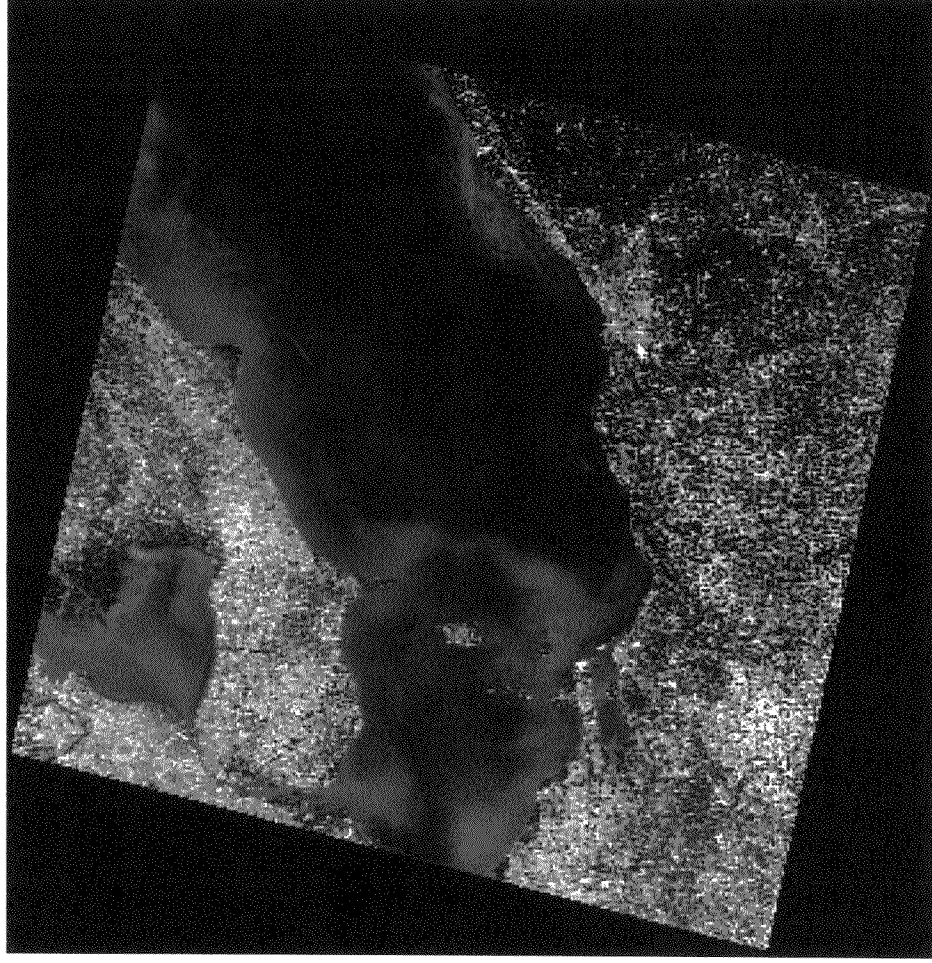


Figure 16

Natural Color Image of Lake Erie on

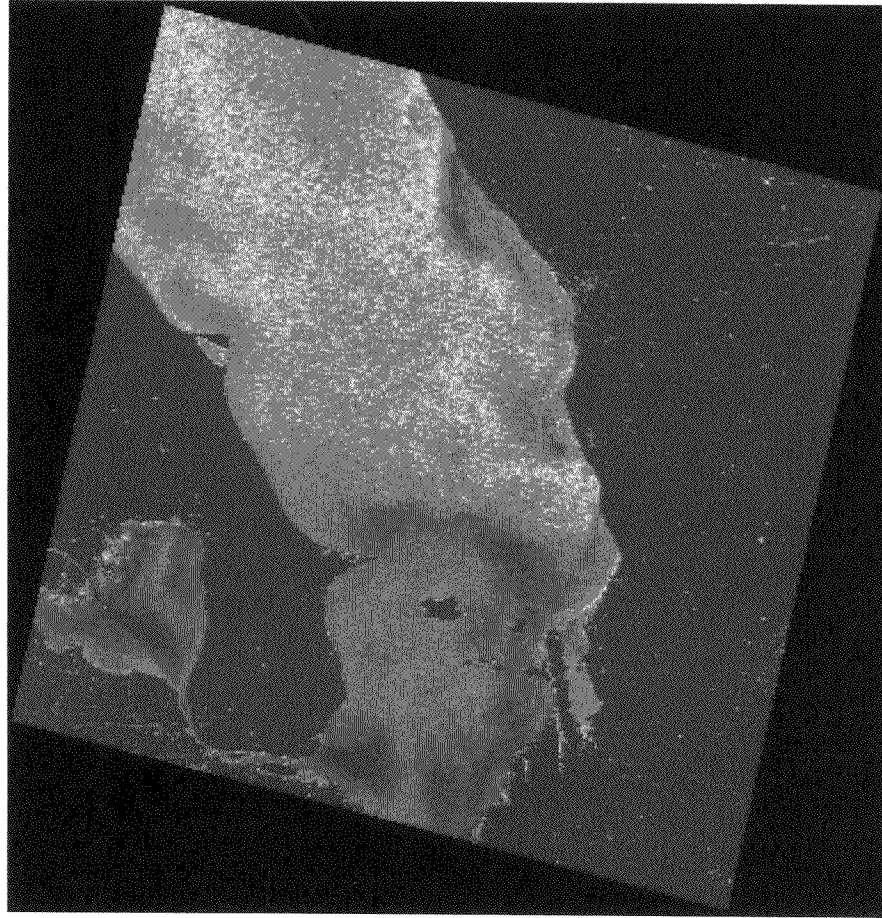
16 July 2002 (Including Cleveland, Ohio)



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Figure 17

Coliform Bacteria
(16 July 2002 Overpass,
21 August 2001 Model)



Color	Coliform Bacterial Colonies Per 1 ml of Water
Red	210-1060
Yellow	173-209
Yellow-green	110-134
Blue-Green	60-109
Blue	1-59
Darkest Blue	0 (Land)

Figure 18

Natural Color Image of P. 19, R. 31 for 2 August 2002 L7 Overpass

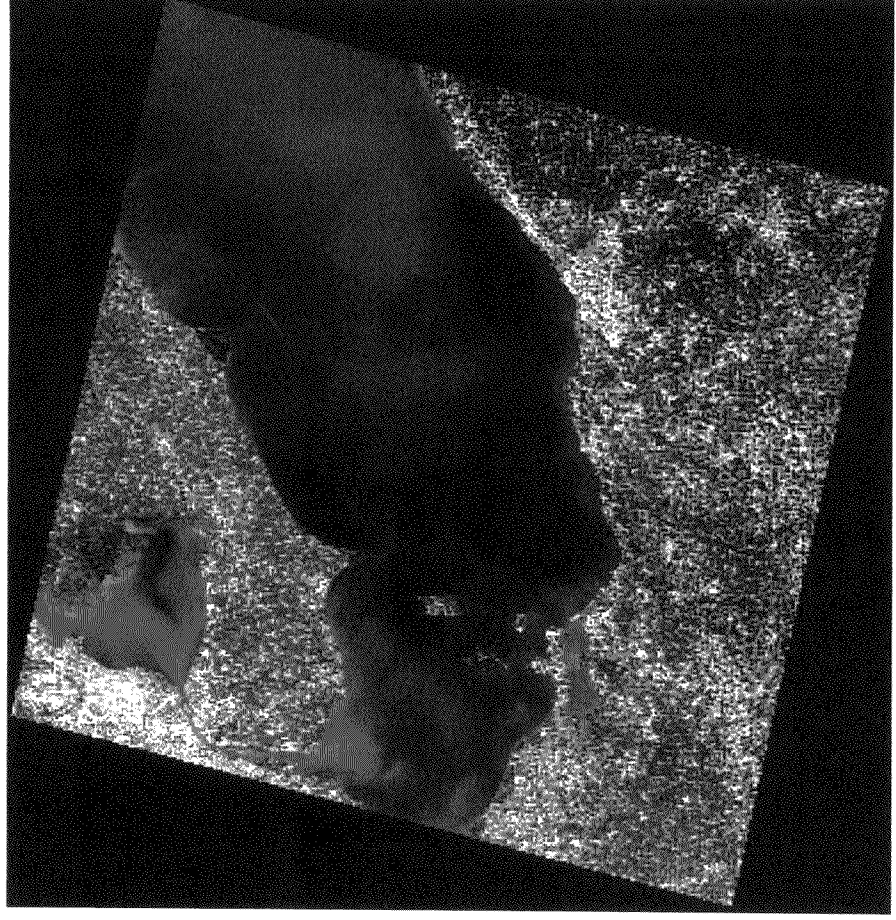


Figure 19

Coliform Bacteria
August 2, 2002 Overpass
(21 August 2001 Model)



Color	Coliform Bacterial Colonies Per 1 ml of Water
Red	401-1710
Yellow-Orange	231-400
Yellow-green	202-230
Blue-Green	104-201
Blue	1-103
Darkest Blue	0 (Land)

Figure 20

Coliform Bacteria for 2 August 2002 Overpass (16 July 2002 Stretch)



Color	Coliform Bacterial Colonies Per 1 ml of Water
Red	210-1060
Yellow	173-209
Yellow-green	110-134
Blue-Green	60-109
Blue	1-59
Darkest Blue	0 (Land)

Figure 21

Coliform Bacteria for July 16, 2002 (Left) and August 2, 2002 (Right)
Overpasses, Path 20-Row 31
(21 August 2001 Model; red represents
210-1710 colonies/ml in both images)

